

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref.GIT.UP: PJM.23-24.LS: 262
Dated: 23-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Kasmau
Block: Kudebhar
District: Sultanpur
State: Uttar Pradesh
Date of Logging: 21-04-2023
Drilling Depth: 240.0 m bgl
Logging Depth: 229.0 m bgl
Rm - 10.0 Qm Rw - 16.0 Qm

Borehole Drilled by: M/s Vikram Engineering & Exim Pvt. Ltd.
Sultanpur, U.P.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral 6' geophysical logs following informations/granular zones have been deciphered with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	16 - 20	04	Good
2.	33 - 40	07	Good
3.	46 - 56	10	Good
4.	67 - 74	07	Good
5.	79 - 82	03	Good
7.	88 - 100	12	Good
8.	136 - 142	06	Moderate

- Note: ~~1.~~ Fine bands of kankar are intermixed with almost all the zones.
~~2.~~ Quality of ground water is deteriorating Marginal to Saline & below 148.0 m bgl to till depth logged.
~~3.~~ Zone Sl. No. 8 is highly intermixed with fine bands of kankar.
~~4.~~ Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided
Note: Sr No 2-34-40 (6m)
Sr No 4-68-74 (6m)
Sr No 6-80-82 (2m)
For Geo Instruments & Technic's
S. Shukla
25/04/23